Claims

- 1. A front-end loader for a percutaneous transluminal system for a prosthetic occluder,
- 2 comprising:
- a proximal portion comprising an expanded lumen; and
- 4 a distal portion, comprising:
- 5 a tube having a proximal end, a distal end, a lumen extending therethrough, and a
- 6 beveled end, said beveled end positioned at said distal end of said tube, wherein said
- 7 beveled end receives said prosthetic occluder.
- 1 2. The front-end loader of claim 1, wherein the beveled end is chamfered.
- 1 3. The front-end loader of claim 2, wherein the beveled end is chamfered around the perimeter
- 2 of the distal end of the tube.
- 4. The front-end loader of claim 1, wherein said expanded lumen in said proximal portion is
- 2 tapered.
- 5. The front-end loader of claim 4, wherein the tapered expanded lumen is conically shaped.
- 1 6. The front-end loader of claim 1, wherein said prosthetic occluder comprises an intracardiac
- 2 occluder.
- 7. The front-end loader of claim 6, wherein said occluder comprises an occluder for treating an
- 2 atrial septal defect.
- 1 8. The front-end loader of claim 6, wherein said occluder comprises an occluder for treating a
- 2 ventricular septal defect.
- 1 9. The front-end loader of claim 6, wherein said occluder comprises an occluder for treating
- 2 patent ductus arteriosus.
- 1 10. The front-end loader of claim 6, wherein said occluder comprises an occluder for treating
- 2 patent foramen ovale.
- 1 11. The front-end loader of claim 1, wherein said beveled end receives said prosthetic occluder
- 2 to withdraw said prosthetic occluder from a patient's body.
- 1 12. The front-end loader of claim 1, wherein said beveled end receives said prosthetic occluder
- 2 to deliver said prosthetic occluder into a patient's body.

- 1 13. The front-end loader of claim 1, wherein said beveled end receives said prosthetic occluder
- 2 through said distal end.
- 1 14. A front-end loader for a percutaneous transluminal system for a prosthetic occluder,
- 2 comprising:
- a proximal portion comprising an expanded lumen; and
- 4 a distal portion, comprising:
- 5 a tube having a proximal end, a distal end, a lumen extending therethrough, and a
- 6 chamfered rim, said chamfered rim positioned at said distal end of said tube, wherein said
- 7 distal end receives said prosthetic occluder.
- 1 15. The front-end loader of claim 14, wherein the distal end is beveled.
- 1 16. The front-end loader of claim 14, wherein the chamfered rim is chamfered around the
- 2 perimeter of the distal end of the tube.
- 1 17. The front-end loader of claim 14, wherein said expanded lumen in said proximal portion is
- 2 tapered.
- 1 18. The front-end loader of claim 17, wherein the tapered expanded lumen is conically shaped.
- 1 19. The front-end loader of claim 14, wherein said prosthetic occluder comprises an intracardiac
- 2 occluder.
- 1 20. The front-end loader of claim 19, wherein said occluder comprises an occluder for treating
- 2 an atrial septal defect.
- 1 21. The front-end loader of claim 19, wherein said occluder comprises an occluder for treating a
- 2 ventricular septal defect.
- 1 22. The front-end loader of claim 19, wherein said occluder comprises an occluder for treating
- 2 patent ductus arteriosus.
- 1 23. The front-end loader of claim 19, wherein said occluder comprises an occluder for treating
- 2 patent foramen ovale.
- 1 24. The front-end loader of claim 14, wherein said distal end receives said prosthetic occluder to
- 2 withdraw said prosthetic occluder from a patient's body.

1	25. The front-end loader of claim 14, wherein said distal end receives said prosthetic occluder to
2	deliver said prosthetic occluder into a patient's body.
1	26. The front-end loader of claim 14, wherein said distal end receives said prosthetic occluder
2	through said distal end.
1	27. A method for delivering a collapsible prosthetic occluder to a patient, comprising:
2	providing a front-end loader comprising:
3	a proximal portion comprising an expanded lumen; and
4	a distal portion, comprising:
5	a tube having a proximal end, a distal end, a lumen extending
6	therethrough, and a beveled end, said beveled end positioned at said distal end of
7	said tube;
8	receiving said prosthetic occluder in the lumen of said tube; and
9	delivering said prosthetic occluder to the patient.
1	28. The method of claim 27, further comprising:
2	introducing said beveled end into a lumen of a portion of an introducer sheath for the
3	prosthetic occluder and crossing a gland.
1	29. A method for retrieving a collapsible prosthetic occluder from a patient, comprising:
2	providing a front-end loader comprising:
3	a proximal portion comprising an expanded lumen; and
4	a distal portion, comprising:
5	a tube having a proximal end, a distal end, a lumen extending
6	therethrough, and a beveled end, said beveled end positioned at said distal end of
7	said tube, wherein said beveled end is chamfered;
8	receiving said prosthetic occluder in the lumen of said tube; and
9	retrieving said prosthetic occluder from the patient.